

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091323\
 Data File : VX037713.D
 Acq On : 14 Sep 2023 06:11
 Operator : JC/MD
 Sample : 04399-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 72-11930

Quant Time: Sep 14 07:28:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

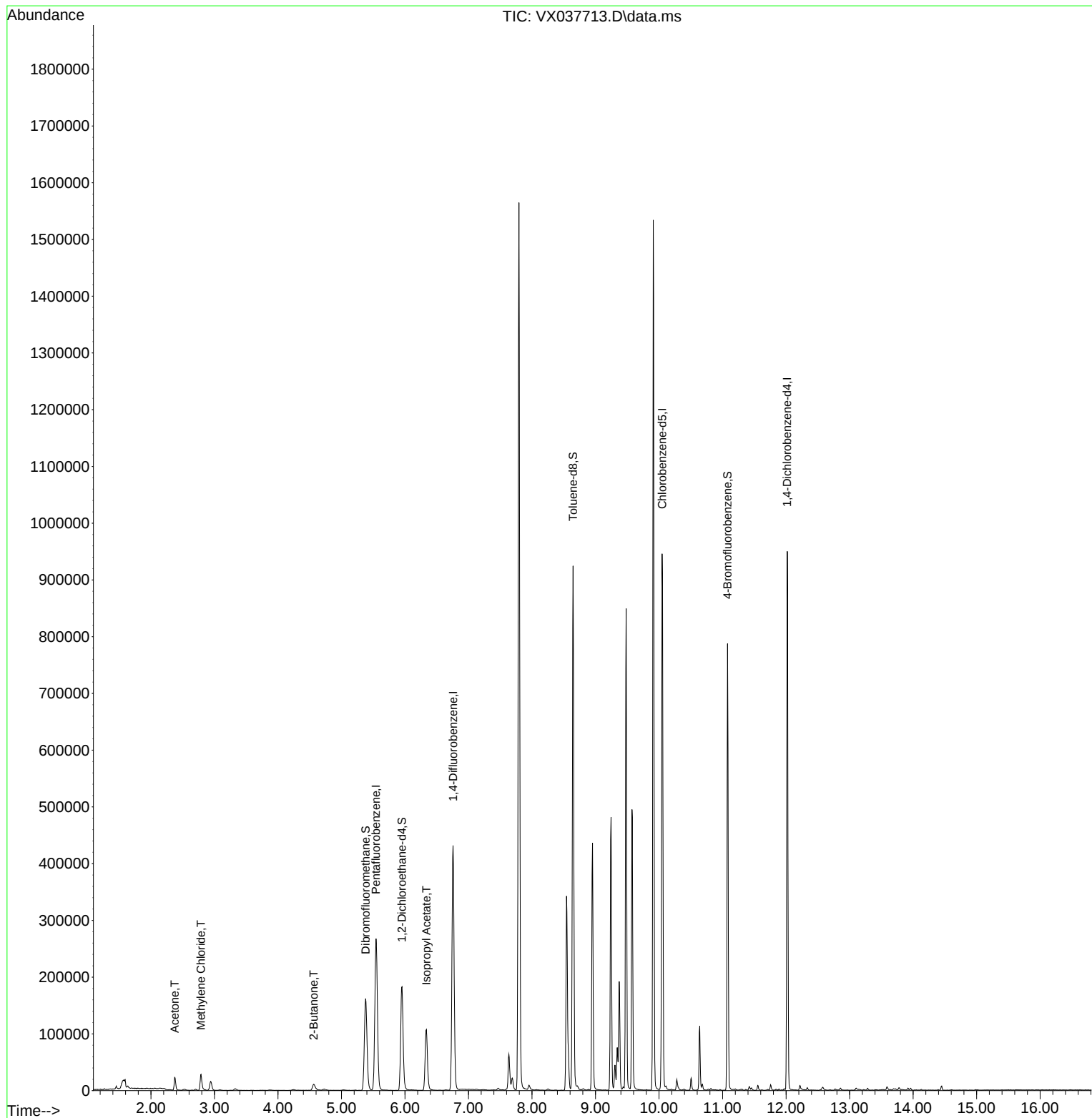
Internal Standards						
1) Pentafluorobenzene	5.544	168	252822	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	443489	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	430071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	190032	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	177392	43.367	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.740%
35) Dibromofluoromethane	5.379	113	142438	45.312	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.620%
50) Toluene-d8	8.647	98	551009	46.477	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.960%
62) 4-Bromofluorobenzene	11.079	95	196365	45.910	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.820%
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	24395	14.752	ug/l #	84
20) Methylene Chloride	2.788	84	14686	3.406	ug/l	88
25) 2-Butanone	4.562	43	14076	5.220	ug/l	94
43) Isopropyl Acetate	6.336	43	147513	18.897	ug/l	97

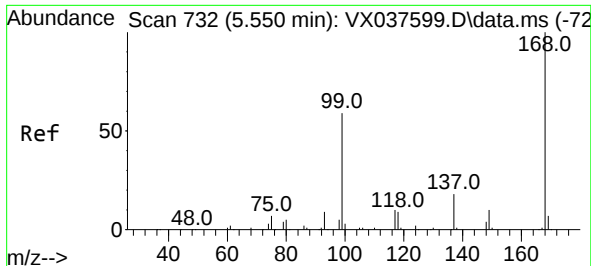
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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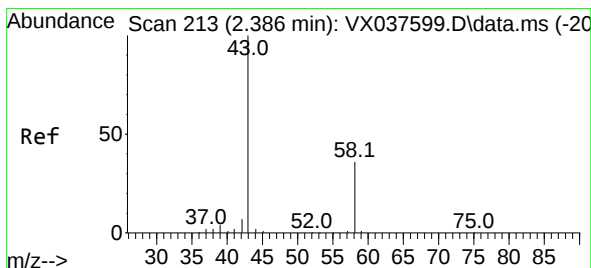
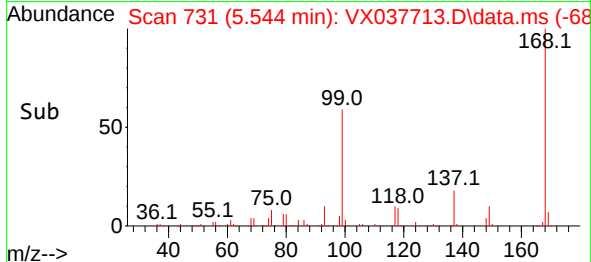
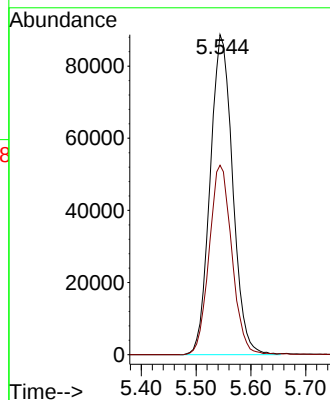
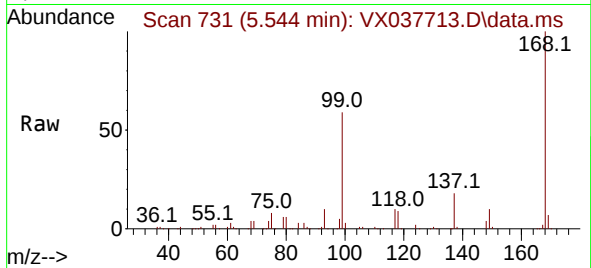




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX037713.D
Acq: 14 Sep 2023 06:11

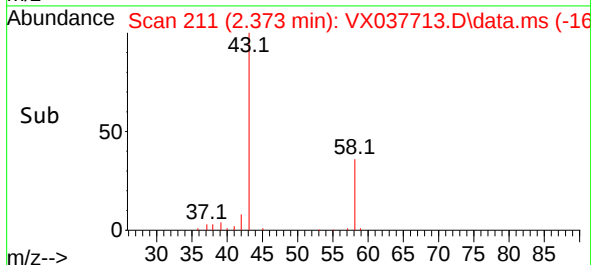
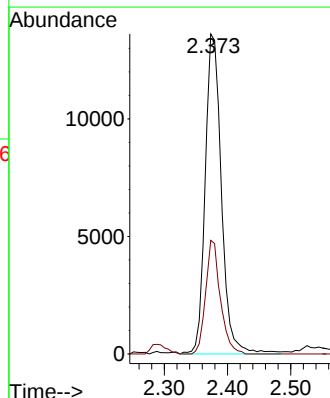
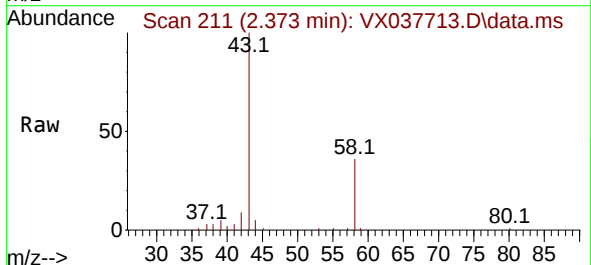
Instrument :
MSVOA_X
ClientSampleId :
72-11930

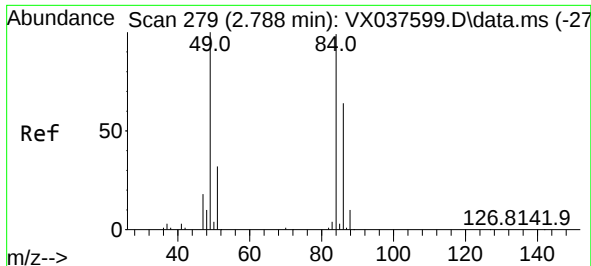
Tgt Ion:168 Resp: 252822
Ion Ratio Lower Upper
168 100
99 59.2 56.6 85.0



#16
Acetone
Concen: 14.752 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.012 min
Lab File: VX037713.D
Acq: 14 Sep 2023 06:11

Tgt Ion: 43 Resp: 24395
Ion Ratio Lower Upper
43 100
58 35.5 21.9 32.9#

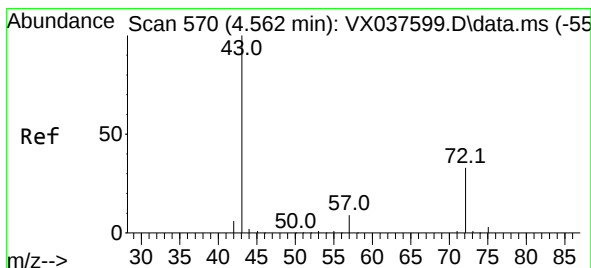
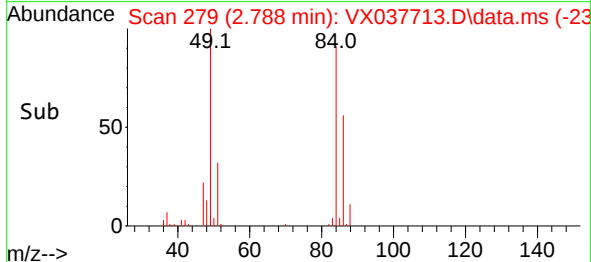
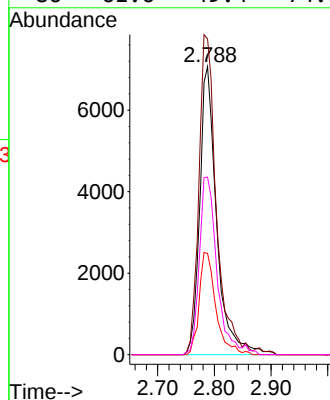
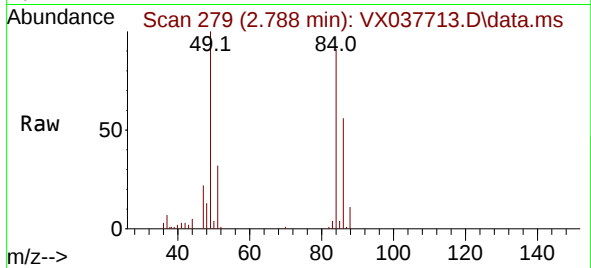




#20
Methylene Chloride
Concen: 3.406 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX037713.D
Acq: 14 Sep 2023 06:11

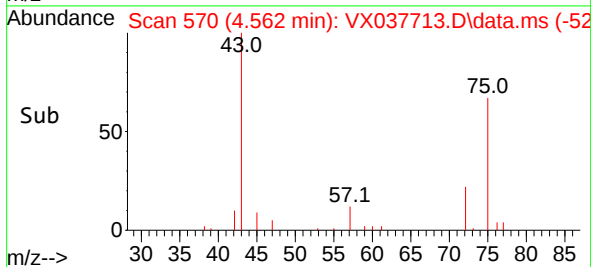
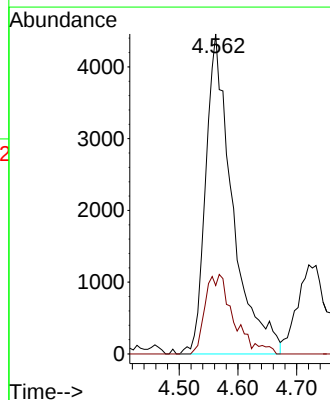
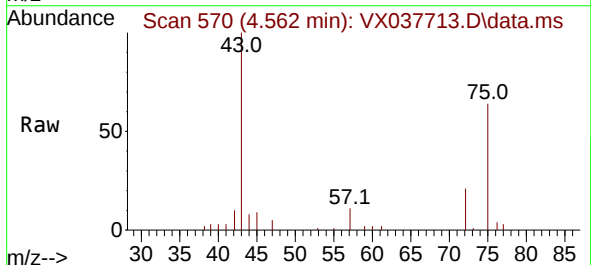
Instrument :
MSVOA_X
ClientSampleId :
72-11930

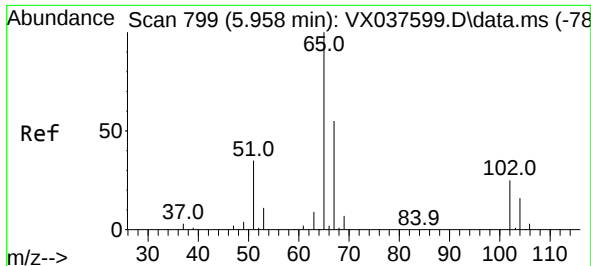
Tgt Ion:	84	Resp:	14686
Ion	Ratio	Lower	Upper
84	100		
49	109.6	103.6	155.4
51	35.1	33.8	50.6
86	61.6	49.4	74.0



#25
2-Butanone
Concen: 5.220 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX037713.D
Acq: 14 Sep 2023 06:11

Tgt Ion:	43	Resp:	14076
Ion	Ratio	Lower	Upper
43	100		
72	21.4	19.4	29.2





#33

1,2-Dichloroethane-d4

Concen: 43.367 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037713.D

Acq: 14 Sep 2023 06:11

Instrument :

MSVOA_X

ClientSampleId :

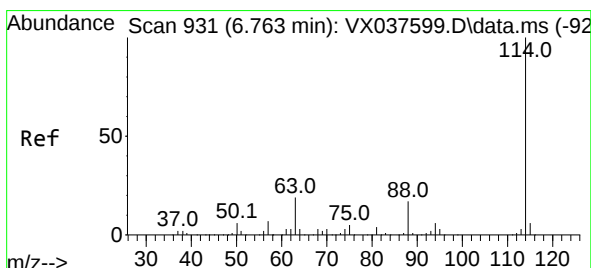
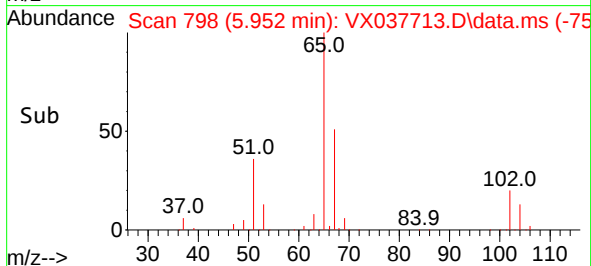
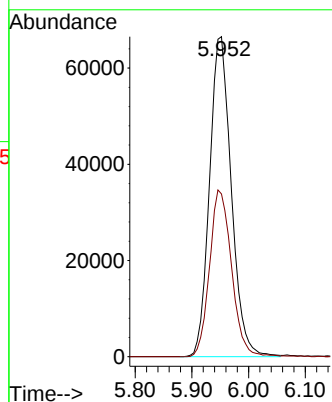
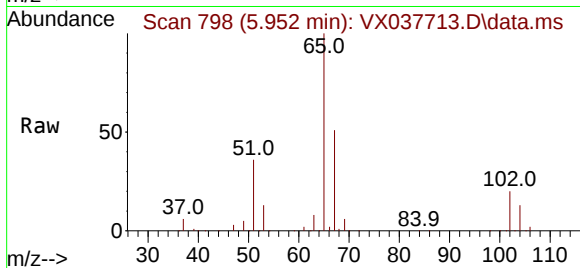
72-11930

Tgt Ion: 65 Resp: 177392

Ion Ratio Lower Upper

65 100

67 52.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX037713.D

Acq: 14 Sep 2023 06:11

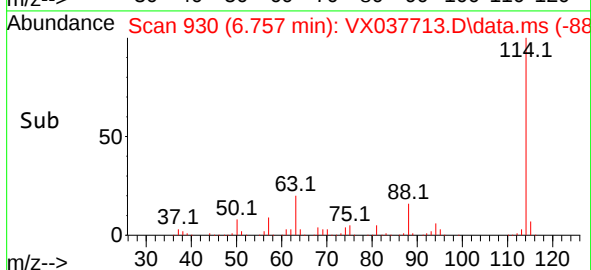
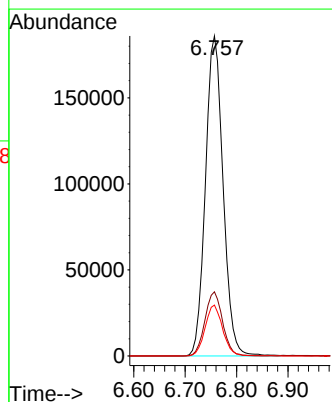
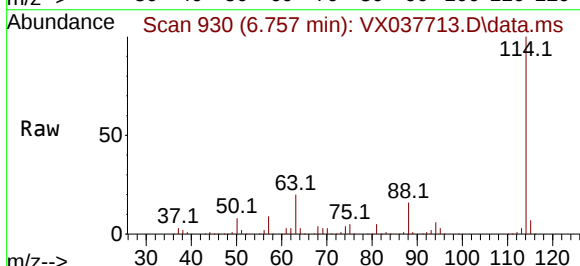
Tgt Ion: 114 Resp: 443489

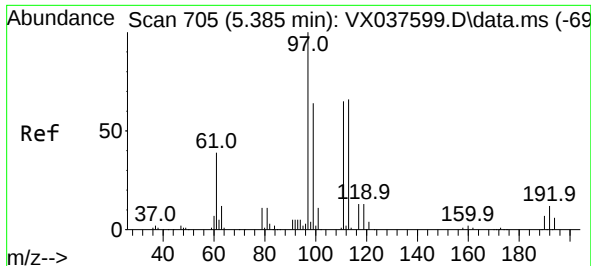
Ion Ratio Lower Upper

114 100

63 20.1 0.0 45.0

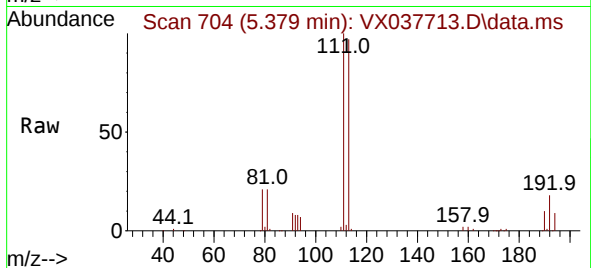
88 15.9 0.0 36.6



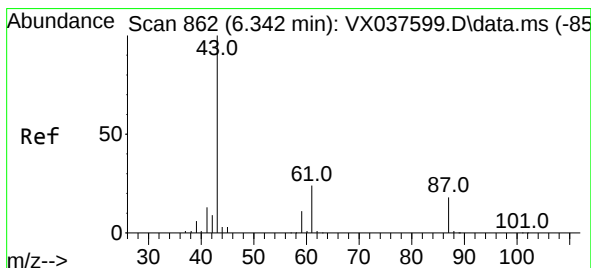
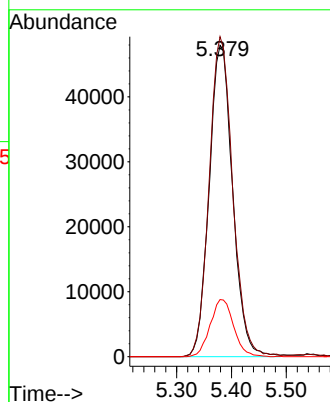
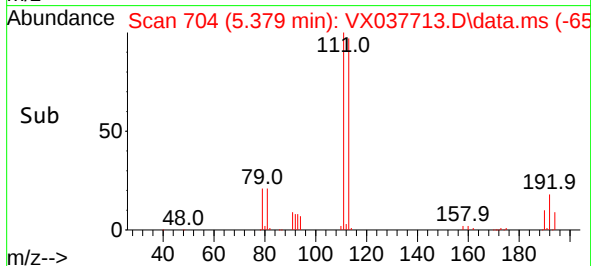


#35
Dibromofluoromethane
Concen: 45.312 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX037713.D
Acq: 14 Sep 2023 06:11

Instrument :
MSVOA_X
ClientSampleId :
72-11930

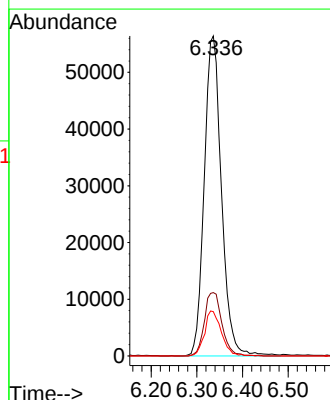
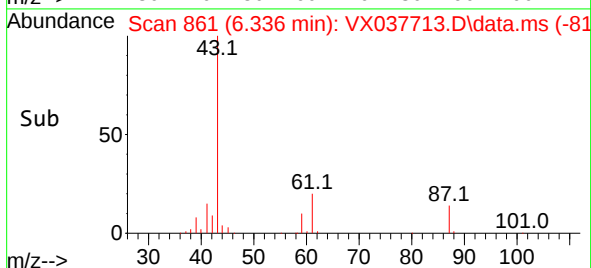
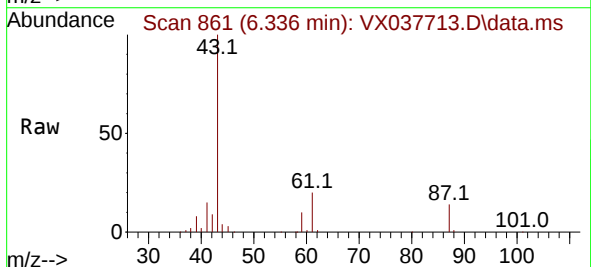


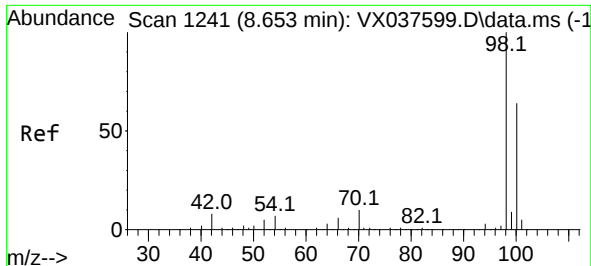
Tgt Ion:113 Resp: 142438
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 18.3 13.3 19.9



#43
Isopropyl Acetate
Concen: 18.897 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX037713.D
Acq: 14 Sep 2023 06:11

Tgt Ion: 43 Resp: 147513
Ion Ratio Lower Upper
43 100
61 20.2 15.2 22.8
87 13.8 9.8 14.6

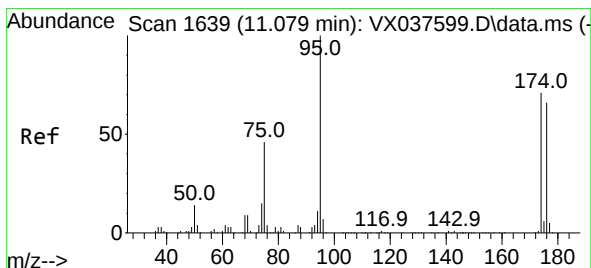
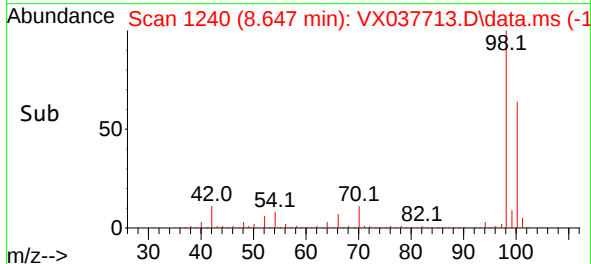
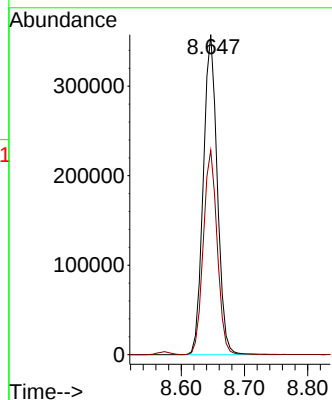
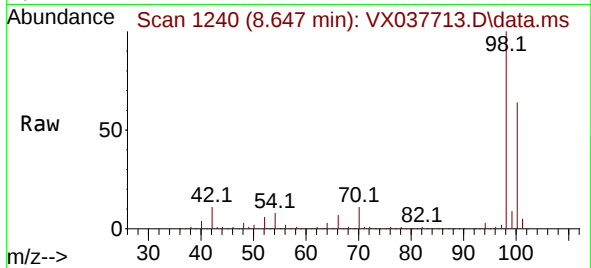




#50
Toluene-d8
Concen: 46.477 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037713.D
Acq: 14 Sep 2023 06:11

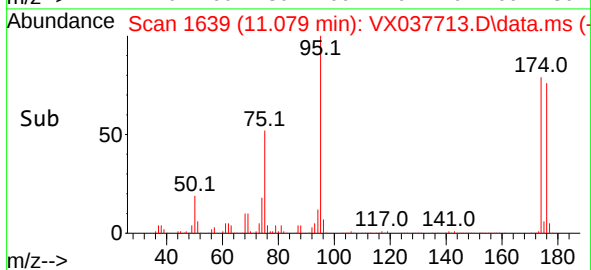
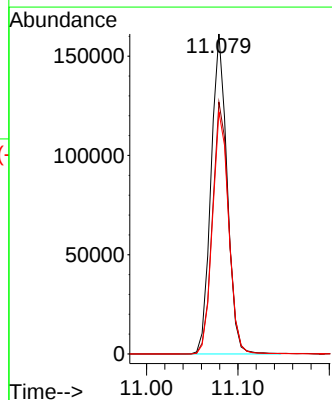
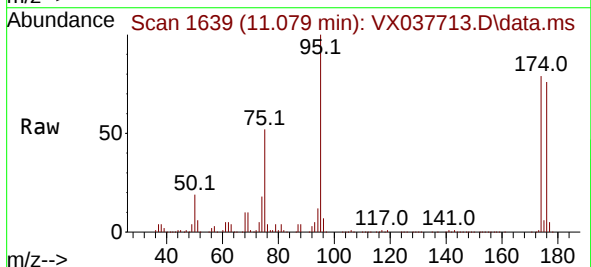
Instrument :
MSVOA_X
ClientSampleId :
72-11930

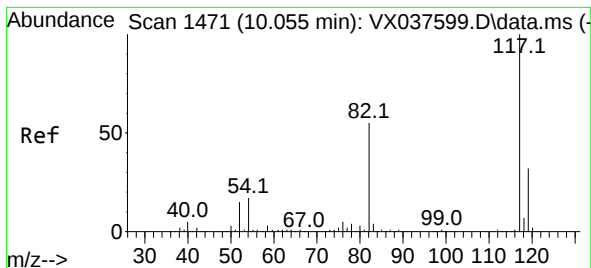
Tgt Ion: 98 Resp: 551009
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.910 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037713.D
Acq: 14 Sep 2023 06:11

Tgt Ion: 95 Resp: 196365
Ion Ratio Lower Upper
95 100
174 79.4 0.0 135.6
176 76.4 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VX037713.D

Acq: 14 Sep 2023 06:11

Instrument :

MSVOA_X

ClientSampleId :

72-11930

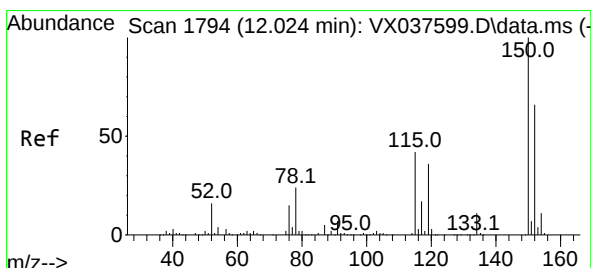
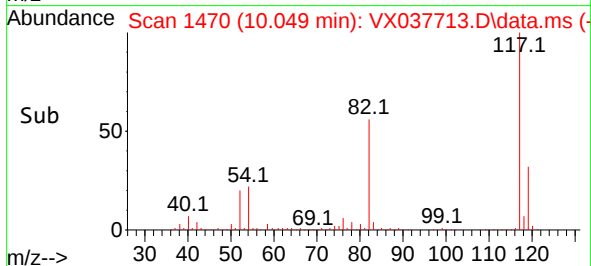
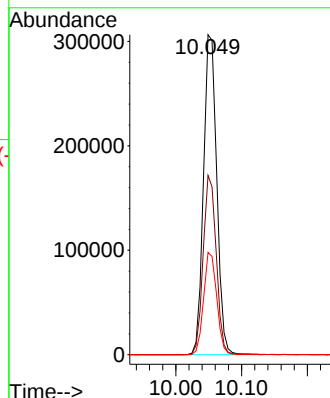
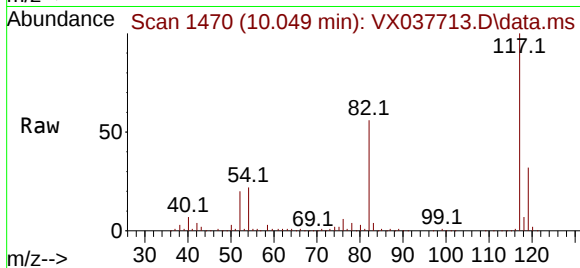
Tgt Ion:117 Resp: 430071

Ion Ratio Lower Upper

117 100

82 56.0 46.2 69.4

119 31.9 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX037713.D

Acq: 14 Sep 2023 06:11

Tgt Ion:152 Resp: 190032

Ion Ratio Lower Upper

152 100

115 61.1 43.3 129.9

150 158.3 0.0 345.0

